DSS-10609-00
October, 1999

AlphaCD 10/99 Release Notes

This is the final AlphaCD before January 1, 2000, and there are some important Y2K updates included, in addition to all the other software additions, enhancements, and problem resolutions listed in these release notes. This document lists these software changes and additions, some of which have previously been released to the field but are being consolidated here for convenience to our customers. These release notes talk about:

- The versions of AMOS® software and documentation available, and what's new in them
- The new AlphaTCP release, version 1.5.
- Year 2000 compliant release of AlphaSCHEDULER.
- The new AlphaCD-Writer software.
- The structure of the AM-PC™ 4.2A software section
- AlphaLAN++ patch release 10/99, AMOS side software
- New third party software releases-- DART, ESP, and Metropolis, PR10/99
- Other AMOS compatible software releases (PR10/99)
- What's new in the AlphaCONNECT® product section
- How to use the CD

AMOS VERSIONS AVAILABLE

As always, the AlphaCD includes the latest versions of AMOS: the October patch releases of AMOS 2.3A and AMOS 1.4E. AMOS 2.3A includes changes to many programs, listed in Appendix A. It also includes the following server software:

- Eagle 100TX Terminal Server flash release
- Eagle 450TX Terminal Server flash release (NOTE: DO NOT USE THIS FLASH RELEASE)
- Eagle 100MX General Server flash release
- Eagle 100MX General Server disk release

In addition, a new spawning task manager spooler and batch job processor is supplied with the AMOS 2.3A(487)-7 and later monitor. Details of this new software is contained in DSS-10610-00, *Information Sheet - Spawning Task Manager Spooler and Batch Job Processor*, which is included in the documentation section of this CD.

AMOS Documentation

As always, on-line documentation is contained in the *DOC* folder in the DOS partition of the CD. This folder includes all marketing bulletins and documents released or updated since the previous AlphaCD release in April 1999. plus all the prior documents included on this previous CD.

To access these documents, open the TOC.PDF file to bring up the On-Line Documents table of contents and follow the instructions at the beginning of that document.

New documentation includes the *Eagle TX Series Terminal Server Technical / Installation Manual*, the latest high capacity disk drive information, the new *Spawning Task Manager Spooler Information Sheet*, and the *AM-402 SCSI CD-Recorder Installation Instructions*.

Updated documents include the *AlphaTCP Administrator's Guide, AlphaTCP User's Guide, AMOS System Commands Reference Manual, AMOS Monitor Calls Manual, AlphaBASIC XCALL Subroutine User's Manual,* and several more.

Remember, documents that have been added or changed since the last AlphaCD are marked with an asterisk in the table of contents. The table of contents is the file TOC.PDF in the root folder of the on-line documentation section.

As always, the *DOC* folder includes both 16-bit (Windows 3.X) and 32-bit (Windows 95 and 98) versions of the Adobe Acrobat reader, Ar16e301.exe and Ar32e301.exe. If you don't already have the Reader on your PC, just execute the appropriate file to install the version you want.

NEW RELEASE OF ALPHATCP

A new release, AlphaTCP 1.5, has been included on this AlphaCD. The enhancements in this release include:

- Dual-port Ethernet support for AM-6000s, but not the AM-6060.
- Alpha Micro Package Manager (AMPM) to assist in automatically keeping your software up to date.
- BOOTP client that also supports DHCP.
- Improved access to serial and parallel devices through the TCP Device Driver Daemon (TDDD).
- Customized firewall control.
- Throughput enhancements.
- Email enhancements.

For details of the various enhancements included in AlphaTCP 1.5 see the release notes and Administrator's Guide.

YEAR 2000 COMPLIANT RELEASE OF APPOINTMENT SCHEDULER

Appointment Scheduler 3.5(116) has been released and is available on this AlphaCD. This version addresses Y2K compliance issues with previous releases, and resolves problems reported with the previous (114) and (115) versions.

See the README file supplied with the software for details of the installation.

ALPHACD-WRITER

AlphaCD-WRITER is the software the supports the recently released AM-402 SCSI CD-Recorder for AMOS based systems. This software consists of a utility called *MAKACD*, which is PIC-coded on a per system basis. Details of this software are contained in the *AM-402 Installation Instructions*, included in the documentation area on the AlphaCD.

AM-PC 4.2A STRUCTURE

This AlphaCD includes an update to AM-PC 4.2A, incorporating AMOS 2.3A, PR 10/99 and AlphaTCP 1.5. In the AM-PC area, there are five subdirectories. The first of these contains a single executable file which you can use to install AM-PC directly from the CD. The other four directories are diskette images which you can copy to diskette and use to install AM-PC at customer sites when you cannot use the AlphaCD. When creating installation diskettes, you must give the diskettes these labels:

AMPC_1
AMPC_2
AMPC_3
AMPC_4

The installation program looks for these exact labels; you will not be able to install the software from diskette if the diskettes are not labeled properly.

ALPHALAN++ (AMOS SIDE) UPDATE:

An updated version of AlphaLAN++ AMOS side software, patch release 10/99 has been included to this version of the AlphaCD as a convenience for our dealers, developers, and end users.

THIRD PARTY SOFTWARE UPDATES:

The following third party software products have been updated by their respective developers, and are identified as 10/99 patch releases (PR10/99):

- DART PR10/99
- ESP 2.2 PR10/99
- Metropolis 7.5 PR10/99
- Starr Accounting 4.09

Remember, these products are provided as a convenience for our dealers, developers, and end users. Alpha Micro has not tested or qualified these software products, and takes no responsibility for their installation or use. If you have any questions about any of these products, please contact the specific developer.

OTHER AMOS COMPATIBLE SOFTWARE RELEASES

In addition to those software products previously mentioned, the following software has been updated to resolve various reported problems, and is identified as a 10/99 patch release (PR10/99).

- AlphaFAX 2.0
- AlphaMAIL 1.2B
- AlphaNET 2.4

THE AlphaCONNECT PRODUCTS

The DOS side of AlphaCD continues to include the latest released versions of our AlphaCONNECT products. Included are:

AlphaCONNECT Pro 1.1a, Alpha Micro's original data harvesting and publishing application.

AlphaCONNECT StockVue 2000, which combines the features of the previous version of StockVue with BusinessVue to form a powerful stock and business tracking tool. StockVue 2000 is a free product which works only with Windows 95, Windows 98, and Windows NT 4.0 and later

This CD also includes a PowerPoint presentation, in both PowerPoint 97 and Acrobat PDF format, discussing the knowledge management problems facing business today and AlphaCONNECT's strategy for dealing with them.

These products, and the presentation, are in subfolders under the \Connect folder. For installation instructions and additional information, see the \Connect\Readme.txt file.

For more information about our AlphaCONNECT product line, visit the AlphaCONNECT World Wide Web site at *http://www.alphaconnect.com.*

HOW TO USE THE ALPHACD

These instructions replace the ones previously found in the *AlphaCD Software Distribution User's Manual* booklet included with the CD.

Using the CD from AMOS

If your AMOS computer has a CD-ROM drive permanently attached, follow these steps:

1. Type **ACD/U** RETURN to unmount the old CD.
2. Remove the CD from the drive.
3. Insert the new CD into the drive.
4. Type **ACD** RETURN to mount the new CD.

If you need to temporarily attach a CD-ROM drive to the computer (it ***must*** be a SCSI CD-ROM), follow these steps:

1. Type **SCSI** RETURN to see what SCSI IDs are available on your computer.
2. Follow the instructions for your CD-ROM drive to set the drive's SCSI ID to an available ID.
3. Make sure no one is using the computer and power it down following the instructions in your *Owner's Manual*.
4. Attach the CD-ROM drive to the external SCSI connector or an available connector on an external SCSI cable. Be sure not to exceed the allowed length of the physical SCI bus. This is especially important on the Wide SCSI-2 bus.

   Be sure the SCSI bus is properly terminated. If you are adding the CD-ROM at the end of the bus, this means putting the terminator in one of the SCSI connectors on the CD-ROM.
5. Turn on power to the CD-ROM drive and insert the AlphaCD, then power up the computer.
6. Type **ACD** RETURN to mount the CD.

These instructions are different than those with earlier versions of the AlphaCD. While the earlier instructions worked in most configurations, plugging the CD-ROM drive into the SCSI cable with the computer on could damage either the CD-ROM drive or the computer itself. This is especially true with newer, high-performance computers. Therefore, ***we do not recommend*** attaching the CD-ROM drive, or any peripheral device, while there is power on the SCSI bus.

For instructions on modifying your system initialization file so the CD-ROM drive is always accessible and can be read by any user, please see the *System Operator's Guide to the System Initialization Command File*, DSO-00002-00, Rev. 02 or later. For more information on the ACD command, please see the *AMOS System Commands Reference Manual*, DSO-00043-00, Rev. 04 or later.

Disconnecting the CD-ROM

To remove the CD-ROM from the computer after you're finished using it, you can type **ACD/U** RETURN to unmount the CD, then take the CD out of the drive. To remove the drive from the SCSI cable, power the computer down, detach the drive, then turn the computer back on. ***We do not recommend*** removing the CD-ROM drive, or any peripheral, from the SCSI bus while power is applied to the bus.

After removing the CD-ROM, be sure to replace the external SCSI terminator in the external connector on the computer back panel or in the SCSI connector on the last external device.

Using the CD from DOS or Windows

You can access the information in the DOS partition of the AlphaCD as you would any other DOS/Windows CD—just place the CD in your CD-ROM drive and use any command or Windows feature (such as Windows Explorer) to open or copy the files you want.

APPENDIX A

Summary of AMOS 2.3A Changes:

ACD.LIT	fixed hanging problem & display CD title if available
AMOS.MON	bug fixes, enhancements & support for new hardware
FIX.LIT	version changed because of SYS.M68 change
GOL7.LIT	version change
JOBALC.LIT	enhanced to speed processing up
JOBPRI.LIT	allow another job to set priority for job that has *ignore Dynamic Job Priority flag* set in JOBST2
LEVEL7.SYS	bug fixes and enhancements
LOGGER.LIT	added switch to send output to a job's terminal. fixed problem with MTU??? Software. fixed stack problem with USER function
LOGON.LIT	fixed problem with echo/no echo option & NOELOCK
MONTST.LIT	added support for General Server (Fax Server)
PRNT.LIT	fixed problem with running out of messages buffers
RESLIT.LIT	version changed because of copy file being changed
SET.LIT	added DYNJOBNO, DYNJOBYES, DYNNO, DYNYES & ISIABT commands
SETJOB.LIT	version changed because of SYS.M68 change
SUBMIT.LIT	Y2K related bug fixes
SYMLIT.LIT	version changed because of copy file being changed
SYSACT.LIT	fixed problem with recognizing extended logicals
TSKINI.LIT	fixed problem with sharing printer ports
TSKINI.OVR	fixed problem with sharing printer ports
TSKMAN.OVR	fixed problem with sharing printer ports
VCRDIR.LIT	Y2K related bug fix
AM138.LDV	fixed ring buffer problem
AM176.LDV	fixed system module corruption problem
AM190.LDV	fixed system module corruption problem
AM319.LDV	fixed ring buffer problem
AM319S.LDV	fixed ring buffer problem
AM362.LDV	fixed ring buffer problem
AM366.LDV	fixed ring buffer problem
AM366E.LDV	fixed ring buffer problem
219DVR.DVR	bug fixes
DDB.L7O	bug fixes
DISASM.L7O	bug fixes
IDENT.L7O	bug fixes
DISASM.L7O	bug fixes
JCB.L7O	bug fixes
MAP.L7O	bug fixes
TCB.L7O	bug fixes
SYS.M68	new version
SYS.UNV	new version
SYSSYM.UNV	new version

PRINT.SBR	bug fixes
PRINT.XBR	bug fixes
SERCH.SBR	bug fixes
SERCH.XBR	bug fixes

Summary of AMOS New Files Included:

CDR.DEV	used with the new CD writer software
CDR000.OVR	used with the new CD writer software
FLUTIL.LIT	Flash Utility
IDP.SYS	AMOS system file
MAC.LIT	displays Ethernet MAC address on certain systems
MAKACD.LIT	CD writer software
SUBMII.LIT	submit program for TASKIT.LIT
TASKIT.LIT	new Spawning Task Manager
AM366M.LDV	LDV for Eagle 100MX General Server
A318F.IDV	IDV for General Server
CDRMMC.DVR	CD-Recorder driver
RAMDVT.DVR	used with Flash systems
SMEM.L7O	overlay for LEVEL7
SYNC.SBR	XCALL routine to flush write cache
SYNC.XBR	XCALL routine to flush write cache